Docket No. RSW920000175US1

CLAIMS:

What is claimed is:

1   1.   A method in a data processing system for
2   authenticating a request, the method comprising:
3   receiving a request from a client;
4   performing authentication of the request;
5   adding information to the request to form a modified
6   request, wherein the information indicates that the
7   request is from a trusted source; and
8   sending the modified request to a server.

1   2.   The method of claim 1, wherein the request is a
2   request to access data.

1   3.   The method of claim 1, wherein the data processing
2   system is a reverse proxy server.

1   4.   The method of claim 1, wherein the information
2   includes a user identification.

1   5.   The method of claim 1, wherein the information
2   includes an identification of the data processing system.

1   6.   A method in a data processing system for processing
2   a request, the method comprising:

Docket No. RSW920000175US1

3   receiving a request from a server, wherein the

4 request is originated by a client;

5   determining whether selected information is

6 represent in the request; and

7   responsive to the selected information being present

8 in the request, processing the request.

1 7.   The method of claim 6, wherein the request is

2 originated by a user at the client and wherein the

3 request requests access to a resource and wherein the

4 processing step comprises:

5   determining whether the user is authorized to access

6 to the resource; and

7   responsive to a determination that the user is

8 authorized, accessing the resource using the request.

1 8.   The method of claim 6, wherein the server is a

2 reverse proxy server.

1 9.   The method of claim 6, wherein the information is an

2 identification of the server.

1 10.   The method of claim 6, wherein the information is a

2 user name and password.

1 11.   The method of claim 6, wherein the selected

2 information is a presence of a value within a preselected

3 location in the request.

Docket No. RSW920000175US1

1 12. The method of claim 6, wherein the determining step
2 is executed using a set of interceptors.

1 13. A data processing system comprising:
2   a bus system;
3   a communications unit connected to the bus system;
4   a memory connected to the bus system, wherein the
5 memory includes as set of instructions; and
6   a processing unit connected to the bus system,
7 wherein the processing unit executes the set of
8 instructions to receive a request from a client; perform
9 authentication of the request; add information to the
10 request is from a trusted source to form a modified
11 request, wherein the information indicates that the
12 request; and send the modified request to a server.

1 14. The data processing system of claim 13, wherein the
2 bus system is a single bus.

1 15. The data processing system of claim 13, wherein the
2 bus system includes a primary bus and a secondary bus.

1 16. The data processing system of claim 13, wherein the
2 processing unit includes a plurality of processors.

Docket No. RSW920000175US1

1   17. The data processing system of claim 13, wherein the
2   communications unit is one of a modem and Ethernet
3   adapter.

1   18.   A data processing system comprising: `
2   a bus system;
3   a communications unit connected to the bus system;
4   a memory connected to the bus system, wherein the
5   memory includes as set of instructions; and
6   a processing unit connected to the bus system,
7   wherein the processing unit executes the set of
8   instructions to receive a request from a server, wherein
9   the request is originated by a client;   determine whether
10   selected information is represent in the request; and
11   process the request, in response to the selected
12   information being present in the request.

1   19.   A network data processing system comprising:
2   a network;
3   a plurality of clients connected to the network;
4   a first server connected to the network, wherein the
5   first server receives a request from a client to access a
6   resource, performs an authentication process with the
7   client, add information to the request in which the
8   information indicates that the request is from a trusted
9   source to form a modified request, and sends the modified
10   request for processing; and

Docket No. RSW920000175US1

11   a second server connected to the network, wherein

12   the second server receives the modified request from a

13   first server, determines whether the first server is a

14   trusted server based on the information, and provides

15   access to the resource in response to a determination

16   that the first server is a trusted server.

1   20.   The network data processing system of claim 19

2   further comprising a third server connected to the

3   network, wherein the third server receives requests from

4   clients to access a resource, performs an authentication

5   process with the clients, add information to the requests

6   in which the information indicates that the requests are

7   from a trusted source to form modified requests, and

8   sends the modified requests to the second server for

9   processing.

1   21.   The network data processing system of claim 19,

2   wherein the network is at least one of a local area

3   network, an intranet, an extranet and an Internet.

1   22.   The network data processing system of claim 19,

2   wherein the second server includes a set of interceptors

3   in which the set of interceptors are used to determine

4   whether the first server is a trusted server, wherein the

5   request is sent to each of the set of interceptors to

6   determine whether the interceptors can handle the

7   request.

Docket No. RSW920000175US1

1 23. The network data processing system of claim 19,
2 wherein the second server receives the request directly
3 from the client.

1 24. A data processing system for authenticating a
2 request, the data processing system comprising:
3   receiving means for receiving a request from a
4 client;
5   performing means for performing authentication of
6 the request;
7   adding means for adding information to the request
8 to form a modified request, wherein the information
9 indicates that the request is from a trusted source; and
10   sending means for sending the modified request to a
11 server.

1 25. The data processing system of claim 24, wherein the
2 request is a request to access data.

1 26. The data processing system of claim 24, wherein the
2 data processing system is a reverse proxy server.

1 27. The data processing system of claim 24, wherein the
2 information includes a user identification.

Docket No. RSW920000175US1

1   28.   The data processing system of claim 24, wherein the

2   information includes an identification of the data

3   processing system.

1   29.   A data processing system for processing a request,

2   the data processing system comprising:

3   receiving means for receiving a request from a

4   server, wherein the request is originated by a client;

5   determining means for determining whether selected

6   information is represent in the request; and

7   processing means for processing the request in

8   response to the selected information being present in the

9   request.

1   30.   The data processing system of claim 29, wherein the

2   determining means is a first determining means and

3   wherein the request is originated by a user at the client

4   and wherein the request requests access to a resource and

5   wherein the processing step comprises:

6   second determining means for determining whether the

7   user is authorized to access to the resource; and

8   accessing means for accessing the resource using the

9   request in response to a determination that the user is

10   authorized.

1   31.   The data processing system of claim 29, wherein the

2   server is a reverse proxy server.

Docket No. RSW920000175US1

1   32.   The data processing system of claim 29, wherein the
2   information is an identification of the server.

1   33.   The data processing system of claim 29, wherein the
2   information is a user name and password.

1   34.   The data processing system of claim 29, wherein the
2   selected information is a presence of a value within a
3   preselected location in the request.

1   35.   The data processing system of claim 29, wherein the
2   determining means includes a set of interceptors.

1   36.   A computer program product in a computer readable
2   medium for authenticating a request, the computer program
3   product comprising:
4   first instructions for receiving a request from a
5   client;
6   second instructions for performing authentication of
7   the request;
8   third instructions for adding information to the
9   request is from a trusted source to form a modified
10   request, wherein the information indicates that the
11   request; and
12   fourth instructions for sending the modified request
13   to a server.

Docket No. RSW920000175US1

1   37.   A computer program product in a computer readable

2   medium for processing a request, the computer program

3   product comprising:

4   first instructions for receiving a request from a

5   server, wherein the request is originated by a client;

6   second instructions for determining whether selected

7   information is represent in the request; and

8   third instructions, responsive to the selected

9   information being present in the request, for processing

10 the request.